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**IN THE SPECIFICATION:**

Please replace the paragraph beginning at page 5, line 13 with the following rewritten paragraph:

At Step ~~36~~ 38, for each target, calculate the target parameters needed to generate the composite radar return waveform from the radar and target input data. A radar target can typically be specified by a range delay, a Doppler frequency, and an amplitude. These three target parameters can be calculated for a radar target from the radar and target input data. The digital composite radar return waveform can then be calculated ~~verses~~ versus time based on the target parameters and the waveform parameters.